

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method for supplying a program-aided information system with specific location information, in which the information system provides at least one selection of certain location-dependent information on the basis of a person-specific or object-specific location which is detectable by a sensor, ~~characterized by~~ **wherein** the combination of the following steps:

- detection of positional data for a person-specific or object-specific location by a sensor,
- transformation of said sensor-detected positional data into a location representing form, which is associated with a reference system, within which said positional data can be spatially attributed, as well as being associated with a hierarchical structure,
- combination of said location representing forms in a location set and/or in form of positional vectors in which said positional data of at least two locations are linked in a prescribed order, and/or
- formation of location relations and/or positional vector relations between the locations, persons or objects within so-called positioned location sets, and
- application of operations for determining the matching of locations as a basis of generating or providing location-dependent person-specific or object-specific information.

2. (Original) The method of claim 1, **wherein** said sensor detection of said positional data is conducted by means of technical locating systems.

3. (Currently Amended) The method of claim 1 ~~or 2~~,
wherein said transformation of said sensor-detected positional data into a location representing form occurs using at least one sensor adaptor which establishes said reference system associated with the respective positional data.

4. (Original) The method of claim 3,
wherein said sensor-detected positional data are transformed into a location representing form in the manner of coordinate values within a reference system.

5. (Currently Amended) The method of ~~one of the claims 1 to 4~~ Claim 1,
wherein information or characteristics of the person locations associated with the respective location representing forms of the sensor-detected locations are stored in the respective reference system.

6. (Currently Amended) The method of ~~one of the claims 1 to 5~~ claim 1,
wherein said locations are associated with a hierarchical structure in the form of a tree structure.

7. (Currently Amended) The method of ~~one of the claims 1 to 6~~ claim 1,
wherein said sensor-detected positional data are combined in a random order in said location set.

8. (Currently Amended) The method of ~~one of the claims 1 to 7~~ claim 1,
wherein said positional vectors have at least two nodes at which a sensor-detected location is provided in a fixed order, and
a connection is provided between two said nodes, along said connection information regarding the route between two locations being linked, if need be, in the form an additional location set and/or an additional positional vector.

9. (Currently Amended) The method of ~~one of the claims 2 to 8~~ claim 1,
wherein said location representing forms are associated with information regarding the precision, with which the positional data is acquired by said technical locating

system, and are associated with information regarding the distances within the reference system.

10. (Original) The method of claim 9, **wherein** said positional data associated with information regarding the precision and the distances within said location relations and/or said positional vector relations are grouped in said positioned location sets and are associated with so-called prepositions, which describe a spatial relative position between locations and persons, respectively between said locations and objects, numerically and/or semantically.

11. (Currently Amended) The method of ~~one of the claims 1 to 10~~ claim 1, **wherein** the information requests are stored in the form of computer-aided data, and on the basis of said operations it is determined whether the positional data contained in said information requests match the positional data acquired by the position sensors.

12. (Original) The method of claim 11, **wherein** said operations check whether the location representing forms acquired from the sensor data and said locations in said information requests match or whether there is an inclusion relationship, and
matching or numerical information regarding the spatial distance of said location representing forms acquired from the sensor data and said respective location-dependent information requests is determined.